

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,188,247 B2
APPLICATION NO. : 09/870207
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INVENTOR(S) : Tadashi Ezaki, Jun Hirai and Hideo Sato

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 1, line 1, before "SYSTEM" insert --A--.
Column 21, line 59, "selfevident" should read --self-evident--.
Column 23, line 9, "datbase" should read --database based--.
Column 23, line 47, "o n" should read --on--.
Column 23, line 54, "has value" should read --hash value--.

Signed and Sealed this

Third Day of June, 2008

A handwritten signature in black ink, appearing to read "Jon W. Dudas". The signature is stylized with a large, looping initial "J" and a distinct "D".

JON W. DUDAS
Director of the United States Patent and Trademark Office